

<b>NWS CHANGE FORM PART A</b>			1. DATE SUBMITTED  11/30/99	
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).				
2. ORIGINATOR OFFICE  TDL	3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Bob Morris Routing Code: W/OSD24 Phone: 713-0056 x110		5. ORIGINATOR TRACKING NUMBER  RC_APO13
6. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input checked="" type="checkbox"/> OTHER (specify) _____				7. WSH TRACKING NUMBER  NWS 526
8. TITLE OF CHANGE Verification modifications to have editor accept all valid forecasts and observed values				
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY			10. SITES AFFECTED (Attach Part B, Page 2, if needed) See Attachment A1A for site list.	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) <p>The Verification Matrix Editor rejects certain valid local forecast and observation data values because of erroneous lists of values in the code, and does not allow these valid values to be saved back to the verification database. The modifications to be installed correct these errors. The verification matrix editor will be the only mechanism to enter Public forecasts for verification at sites that do not yet use ICWF. See Attachment A1B for DR list.</p>				
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) <p>See Attachment A1C</p>				
13. ALTERNATE SOLUTIONS <p>Alternate solution requires the forecaster to enter an "adjacent" value that the editor will accept, rather than the desired value.</p>				
14. REQUIRED CHANGE DATE  31 Dec 99	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) <p>Major. AFOS verification program is likely to fail after Y2K. AWIPS verification must be fully functional by that time. Certain offices will heavily use the verification matrix editor to enter their forecasts.</p>			
<b>CCB/PMC/CMB DECISION</b>				
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY		<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED	
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED		SIGNATURE	
			DATE SIGNED	
<b>FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED</b>				
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		SIGNATURE	
			DATE SIGNED	

<b>NWS CHANGE FORM</b> <b>PART A - DATA PRODUCTS SUPPLEMENT</b>
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2. WSH TRACKING NUMBER

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This information is required for Data Products submissions. (Submitters should complete all applicable blocks, if known. WSH will assist.) Attach extra pages if necessary.

[illegible]

<b>NWS CHANGE FORM</b> <b>PART B</b>		1. ORIGINATOR TRACKING NUMBER RC_APO13	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER	
<b>FUNDING INFORMATION</b>			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$
5. DEVELOPMENT COSTS (Estimate development costs) The cost is associated with Build 4 maintenance			AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A			AMOUNT
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs) N/A			AMOUNT
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) N/A			AMOUNT
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations			AMOUNT Unknown
<b>SUPPORTING INFORMATION AND SCHEDULES</b> Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E)  Change needs to be implemented before Jan 1, 2000		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.)  N/A	
12. IMPLEMENTATION/RETROFIT SCHEDULE  Change needs to be implemented before Jan 1, 2000		13. FACILITY INFORMATION (Attach facility drawings/plans.)  N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.)  N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED  N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each)		17. COORDINATION OF CHANGE WITH OTHER CHANGES  If changes are made before Release 4.3, then these changes should be removed from the 4.3 installation scripts—however, no conflicts or errors will arise if the same changes are installed twice	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) See Attachment B		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.)  N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.)  N/A	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.)  This change will be pushed to the sites by the NCF as directed by the SST.			

NWS CHANGE FORM PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT						1. ORIGINATOR TRACKING NUMBER RC_APO13			
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)						2. WSH TRACKING NUMBER			
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART NUMBER OR CONFIGURATION	B. SERIAL NUMBER(S) OR COMMENTS			A. IDENTIFIER	B. REV	A. IDENTIFIER	B. REV
N/A									

NWS CHANGE FORM PART C						1. ORIGINATOR TRACKING NUMBER  RC_APO13			
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.						2. WSH TRACKING NUMBER			
3. CCB COST EVALUATION									
NWS COST \$		FAA COST \$		DOD COST \$		OTHER AGENCY COST \$ (SPECIFY)_____		TOTAL COST \$	
4. IMPLEMENTATION DOCUMENTS REQUIRED									
<input type="checkbox"/> Engineering Modification Note <input checked="" type="checkbox"/> Software Release Notes      Other <input type="checkbox"/> Document (Specify)_____									
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.									
5. IMPLEMENTATION ACTIVITY REQUIRED				6. REQUIRED COMPLETION DATE		7. RESPONSIBLE PERSON AND OFFICE		8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION	
A. Coordinate implementation schedule with sites through SST				06 Dec 99		Thigpen/SST, W/APO3		N/A	
B. NCF Pushes the chage to sites as directed by SST				31 Dec 99		Thigpen/SST, W/APO3		See item C	
C. Report implementation completion using NCF/SST data at AWIPS CCB meetings				14 Jan 00		Davidson, W/QSO112		N/A	

## NWS Change Form (Attachment A1C)

### Item 12. Known or Proposed Solution

#### Changed Files:

Install new executable /awips/adapt/adapt\_apps/xver, using version built from 4.3 fix to DR4684.

Install the new verification editor configuration file \$BASE\_DIRECTORY/awips/adapt/adapt\_apps/src/verify/data/xver.conf into /awips/adapt/adapt\_apps/data/xver.conf, using the version related to DR4992, which also has changes from DR4684.

*If these changes are made before the scheduled Build 4.3 release, then these changes could be removed from the 4.3 installation scripts-- however, no conflicts or errors should arise if the same changes are installed twice.*

#### COTS/Freeware:

None

#### Rebuilding Instructions:

Rebuild the xver executable from the 4.3 baseline \$BASE\_DIRECTORY/awips/adapt/adapt\_apps/src/verify/src/edit\_msg directory, using version from 4.3 fix to DR4684.

#### Documentation changes:

None

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5. ORIGINATOR TRACKING NUMBER  RC_APO13				7. WSH TRACKING NUMBER  NWS 526
6. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input checked="" type="checkbox"/> OTHER (specify) _____				
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9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY			10. SITES AFFECTED (Attach Part B, Page 2, if needed)  See Attachment A1A for site list.	
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16. DECISION AUTHORITY LEVEL		<input type="checkbox"/> CCB LEVEL ONLY <input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED		
17. CCB LEVEL DECISION		<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED		
		SIGNATURE  DATE SIGNED		
<b>FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED</b>				
18. PMC OR NWS CMB DECISION		<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		
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<b>NWS CHANGE FORM</b> <b>PART A - DATA PRODUCTS SUPPLEMENT</b>
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[illegible]



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9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) N/A			AMOUNT
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		A. PART NUMBER OR CONFIGURATION	B. SERIAL NUMBER(S) OR COMMENTS			A. IDENTIFIER	B. REV	A. IDENTIFIER	B. REV
N/A									

<b>NWS CHANGE FORM</b> <b>PART C</b>		1. ORIGINATOR TRACKING NUMBER  RC_APO13	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER	
<b>3. CCB COST EVALUATION</b>  <div style="display: flex; justify-content: space-between;"> <span>NWS COST \$</span> <span>FAA COST \$</span> <span>DOD COST \$</span> <span>OTHER AGENCY COST \$</span> <span>TOTAL COST \$</span> </div> <div style="text-align: center;">(SPECIFY) _____</div>			
<b>4. IMPLEMENTATION DOCUMENTS REQUIRED</b>  <div style="display: flex; justify-content: space-between;"> <span><input type="checkbox"/> Engineering Modification Note</span> <span><input type="checkbox"/> Software Release Notes</span> <span><input type="checkbox"/> Other Document (Specify) _____</span> </div>			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
<b>5. IMPLEMENTATION ACTIVITY REQUIRED</b>	<b>6. REQUIRED COMPLETION DATE</b>	<b>7. RESPONSIBLE PERSON AND OFFICE</b>	<b>8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION</b>
A. Coordinate implementation schedule with sites through SST	06 Dec 99	Thigpen/SST, W/APO3	N/A
B. NCF Pushes the chage to sites as directed by SST	31 Dec 99	Thigpen/SST, W/APO3	See item C
C. Report implementation completion using NCF/SST data at AWIPS CCB meetings	14 Jan 00	Davidson, W/OSO112	N/A

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